

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-21 (Canceled).

Claim 22 (New): An information exchange apparatus configured to establish a Bluetooth connection with a handheld communication terminal and to exchange information with the handheld communication terminal, comprising:

an acquisition device configured to acquire terminal identification information of the handheld communication terminal by reading a barcode on the handheld communication terminal instead of executing a procedure of a Bluetooth terminal search phase to acquire the terminal identification information; and

a short distance wireless communication device configured to establish the Bluetooth connection with the handheld communication terminal whose terminal identification information is acquired by the acquisition device and to exchange information with the handheld communication terminal in accordance with a Bluetooth procedure following the procedure of the Bluetooth terminal search phase.

Claim 23 (New): An information exchange apparatus configured to establish a Bluetooth connection with a handheld communication terminal and to exchange information with the handheld communication terminal, comprising:

an acquisition device configured to acquire terminal identification information of the handheld communication terminal by performing infrared communication with the handheld communication terminal instead of executing a procedure of a Bluetooth terminal search phase to acquire the terminal identification information; and

a short distance wireless communication device configured to establish the Bluetooth connection with the handheld communication terminal whose terminal identification information is acquired by the acquisition device and to exchange information with the handheld communication terminal in accordance with a Bluetooth procedure following the procedure of the Bluetooth terminal search phase.

Claim 24 (New): An information exchange apparatus configured to establish a Bluetooth connection with a handheld communication terminal and to exchange information with the handheld communication terminal, comprising:

an acquisition device configured to acquire terminal identification information of the handheld communication terminal, which is transmitted from a wireless tag, instead of executing a procedure of a Bluetooth terminal search phase to acquire the terminal identification information; and

a short distance wireless communication device configured to establish the Bluetooth connection with the handheld communication terminal whose terminal identification information is acquired by the acquisition device and to exchange information with the handheld communication terminal in accordance with a Bluetooth procedure following the procedure of the Bluetooth terminal search phase.

Claim 25 (New): An information exchange apparatus configured to establish a Bluetooth connection with a handheld communication terminal and to exchange information with the handheld communication terminal, comprising:

an acquisition device configured to acquire terminal identification information of the handheld communication terminal by acquiring an image of the terminal identification

information and to recognize the image instead of executing a procedure of a Bluetooth terminal search phase to acquire the terminal identification information; and

a short distance wireless communication device configured to establish the Bluetooth connection with the handheld communication terminal whose terminal identification information is acquired by the acquisition device and to exchange information with the handheld communication terminal in accordance with a Bluetooth procedure following the procedure of the Bluetooth terminal search phase.

Claim 26 (New): A cash register apparatus which is adapted to a point of sale (POS) system to provide a user of a handheld communication terminal with a predetermined service by establishing a Bluetooth connection with the handheld communication terminal and to exchange information with the handheld communication terminal, comprising:

an acquisition device configured to acquire terminal identification information of the handheld communication terminal by reading a barcode on the handheld communication terminal instead of executing a procedure of a Bluetooth terminal search phase to acquire the terminal identification information; and

a short distance wireless communication device configured to establish the Bluetooth connection with the handheld communication terminal whose terminal identification information is acquired by the acquisition device and to exchange information with the handheld communication terminal in accordance with a Bluetooth procedure following the procedure of the Bluetooth terminal search phase.

Claim 27 (New): The cash register apparatus according to claim 26, wherein the terminal identification information acquired by the acquisition device is made correspondent to a purchase history of the user to obtain input data of the POS system.

Claim 28 (New): The cash register apparatus according to claim 26, wherein the acquisition device acquires the terminal identification information of the handheld communication terminal by reading a barcode on the handheld communication terminal using a barcode reader configured to read a barcode of a product.

Claim 29 (New): The cash register apparatus according to claim 26, further comprising:

a notification device configured to notify the apparatus whether the terminal identification information is acquired by the acquisition device or not and whether a short distance wireless transmission path is established or not between the apparatus and the handheld communication terminal whose terminal identification information is acquired by the acquisition device.

Claim 30 (New): A cash register apparatus which is adapted to a point of sale (POS) system to provide a user of a handheld communication terminal with a predetermined service by establishing a Bluetooth connection with the handheld communication terminal and to exchange information with the handheld communication terminal, comprising:

an acquisition device configured to acquire terminal identification information of the handheld communication terminal by performing infrared communication with the handheld communication terminal instead of executing a procedure of a Bluetooth terminal search phase to acquire the terminal identification information; and

a short distance wireless communication device configured to establish the Bluetooth connection with the handheld communication terminal whose terminal identification information is acquired by the acquisition device and to exchange information with the

handheld communication terminal in accordance with a Bluetooth procedure following the procedure of the Bluetooth terminal search phase.

Claim 31 (New): The cash register apparatus according to claim 30, wherein the terminal identification information acquired by the acquisition device is made correspondent to a purchase history of the user to obtain input data of the POS system.

Claim 32 (New): The cash register apparatus according to claim 30, further comprising:

a notification device configured to notify the apparatus whether the terminal identification information is acquired by the acquisition device or not and whether a short distance wireless transmission path is established or not between the apparatus and the handheld communication terminal whose terminal identification information is acquired by the acquisition device.

Claim 33 (New): A cash register apparatus which is adapted to a point of sale (POS) system to provide a user of a handheld communication terminal with a predetermined service by establishing a Bluetooth connection with the handheld communication terminal and to exchange information with the handheld communication terminal, comprising:

an acquisition device configured to acquire terminal identification information of the handheld communication terminal, which is transmitted from a wireless tag, instead of executing a procedure of a Bluetooth terminal search phase to acquire the terminal identification information; and

a short distance wireless communication device configured to establish the Bluetooth connection with the handheld communication terminal whose terminal identification

information is acquired by the acquisition device and to exchange information with the handheld communication terminal in accordance with a Bluetooth procedure following the procedure of the Bluetooth terminal search phase.

Claim 34 (New): The cash register apparatus according to claim 33, wherein the terminal identification information acquired by the acquisition device is made correspondent to a purchase history of the user to obtain input data of the POS system.

Claim 35 (New): The cash register apparatus according to claim 33, further comprising:

a notification device configured to notify the apparatus whether the terminal identification information is acquired by the acquisition device or not and whether a short distance wireless transmission path is established or not between the apparatus and the handheld communication terminal whose terminal identification information is acquired by the acquisition device.

Claim 36 (New): A cash register apparatus which is adapted to a point of sale (POS) system to provide a user of a handheld communication terminal with a predetermined service by establishing a Bluetooth connection with the handheld communication terminal and to exchange information with the handheld communication terminal, comprising:

an acquisition device configured to acquire terminal identification information of the handheld communication terminal by acquiring an image of the terminal identification information and recognizing the image instead of executing a procedure of a Bluetooth terminal search phase to acquire the terminal identification information; and

a short distance wireless communication device configured to establish the Bluetooth connection with the handheld communication terminal whose terminal identification information is acquired by the acquisition device and to exchange information with the handheld communication terminal in accordance with a Bluetooth procedure following the procedure of the Bluetooth terminal search phase.

Claim 37 (New): The cash register apparatus according to claim 36, wherein the terminal identification information acquired by the acquisition device is made correspondent to a purchase history of the user to obtain input data of the POS system.

Claim 38 (New): The cash register apparatus according to claim 36, further comprising:

a notification device configured to notify the apparatus whether the terminal identification information is acquired by the acquisition device or not and whether a short distance wireless transmission path is established or not between the apparatus and the handheld communication terminal whose terminal identification information is acquired by the acquisition device.